Ist and final Bill BRNO @72 dt. 31/07/15 Work Code NO:- 016-13-000013

Est Cost: 19.99 lakhs

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 176235

1) Work order NO: EE/RRND/WO. NO/683/2012-13.

Serial No. 2) NO. RRND/EE/Ten/42/2012-13 date 21.01.2013.

Name of work..... Item No 08 - Pcode P1771 From..... To.....

Name of Contractor of nature of Agency..... Sri Banashankari Constructions, RK Nagar Bangalore.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work:- Improvements to drain and Constructions of culverts at N type HMT qtrs in Ward No 16. 1) J.C./RRNZ/AS/935/2012-13 dt 17.01.2013 2) E.E/RRND/TS/672/2012-13 dt 19.01.2013.						
	1) Earth work excavation for the foundn of the buildings, water supply, Sanitary line and electrical conduits either in pits (or) in trenches 1.5m and above in width in hard Soil not exceeding. Qty as per P.M. recorded in this MB vide Page No-					176279 = 432.00 M2 Rs	78624.00 =
	@ TR =		182/m3				

Scanned by CamScanner

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Providing Sand Cement bed with 5% Cement with all leads for all materials and lift @ 1.5 m mix mixed laid in layers @ 15cms thick and well Compacted. Complete as per Specifications						
As per Qty @ P.M. recorded in Page/this MB @ Page No 176236						
					= 36.00 M³	
				@ TR = 1930.00/M³	RS: 69480.00 =	
Providing and laying in position plain C.C. @ mix M7.5 with OPC cement @ 180 kgs with 40mm and down size graded granite metal Complete as per Specifications						
As per Qty @ PM recorded in Page No 176279 @ this MB						
					= 54.00 M³	
				@ TR = 3500/M³	RS 189000.00 =	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 176236

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and Constructing grainite / trap / basalt / Size Stone masonary in basement with cm 1/6 edges @ Stones Chistle dressed in Courses not less than 15cms depth Complete.						
	As per Qty @ PM recorded in Page No 176279 @ this MB						
						= 140.40 M³	
					@ TR = 2904.00/M³	RS: 407721.00 =	
5)	Providing and laying in position plain C.C. @ mix M35 with C.C. @ 240 kgs with 20mm and down size graded grainite metal course aggregates @ 0.878 Complete.						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Qty & pm recorded in this MB & page No 176279					= 25.92 m³	
	@ TR = 3973.00/m³					Rs 102,980.00	
6)	Providing plush pointing to square bubble course or uncoursed stone masonary with cm 1:3 20mm deep after racking joints to deepth & 20mm nicely lining including all cost & materials Complete.						
	As per Qty & pm recorded in this MB & Page no 176280					= 236.00 m²	
	@ TR = 65.00/m²					Rs 15210.00	
7)	Providing and removing Centering, Shuttering Strutting Propping etc and removal & forms & works including Carrying, fixing etc Complete.						

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 176237

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
As per	Qty & pm recorded in page no 176280 & this MB					= 108.00 m²	
	@ TR = 285.00/m²					Rs 30780.00	
8)	Providing and removing Centering, Shuttering, Strutting Propping etc and removal & forms works for FLAT surface Such as wall at any thickness Complete as per Specifications						
	As per Qty & pm recorded in page no 176280 & this MB					= 108.00 m²	
	@ TR = 285.00/m²					Rs 30780.00	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Providing and laying in position reinforced cement Concrete of design mix M20 with OPC concrete @ 320 kg/m³ with 20mm and down size graded granite metal coarse aggregates @ 0.0878 m³ and fine aggregates @ 0.0459 m³ with upper plaster @ 3kits Conforming to IS:9103-1999 Complete as per specifications						
	culverts desk Slab	1	6.00	1.80	0.23	= 2.484 m³	
	CAFC	for 30.00 NOS x 2.484				= 74.52 m³	
		@ TR: 4720.00/m³				Rs: 3,51,734.00	
	10) Providing T.M.T. steel reinforcement of RCC work including straightening cutting, bending hooking placing in position lapping and wherever welding wherever required tying with binding wire and achoring to the adjoining member Complete as per Specifications						

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 176238

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Qty & PM recorded in Page No 176280 & this MB					= 74.420 MT	
		@ TR: 6598.00/MT				Rs: 4,91,023.00	
	11) Conveying the excavated earth excavation soil & Ch. bes and over burden earth etc loading and unloading charges Complete as per specifications						
	Qty ~~limite~~ Schedule Item No ①	= 432.00 m³					
	Qty limited to	344.00 m³				Rs: 34056.00	
	@ TR: 99.00/m³						
		Grand total	=			18,01,388.00	

AC SKETCH drawn in P.N 176278 of this M.B.

Scanned by CamScanner

Bd - 71/31/07/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bill Amt 1801389=00						
	IT 36568						
	KST 90069						
	CBF 1801						
	LWC - 18014						
	fsd - 90069						
	Royalty - 20000						
	fine - 1000						
	Total Ded. 257522=A						
	Net - 15,43,867=A						

Audited and admitted for Rs. 15,43,867=A 18,01,389=00

Passed by cheque for Rs. (Fifteen Lakhs forty three thousand eight hundred sixty seven only)

by adjustment 257522

Accounts Assistant

Sagar Division,

Exe. Engineer

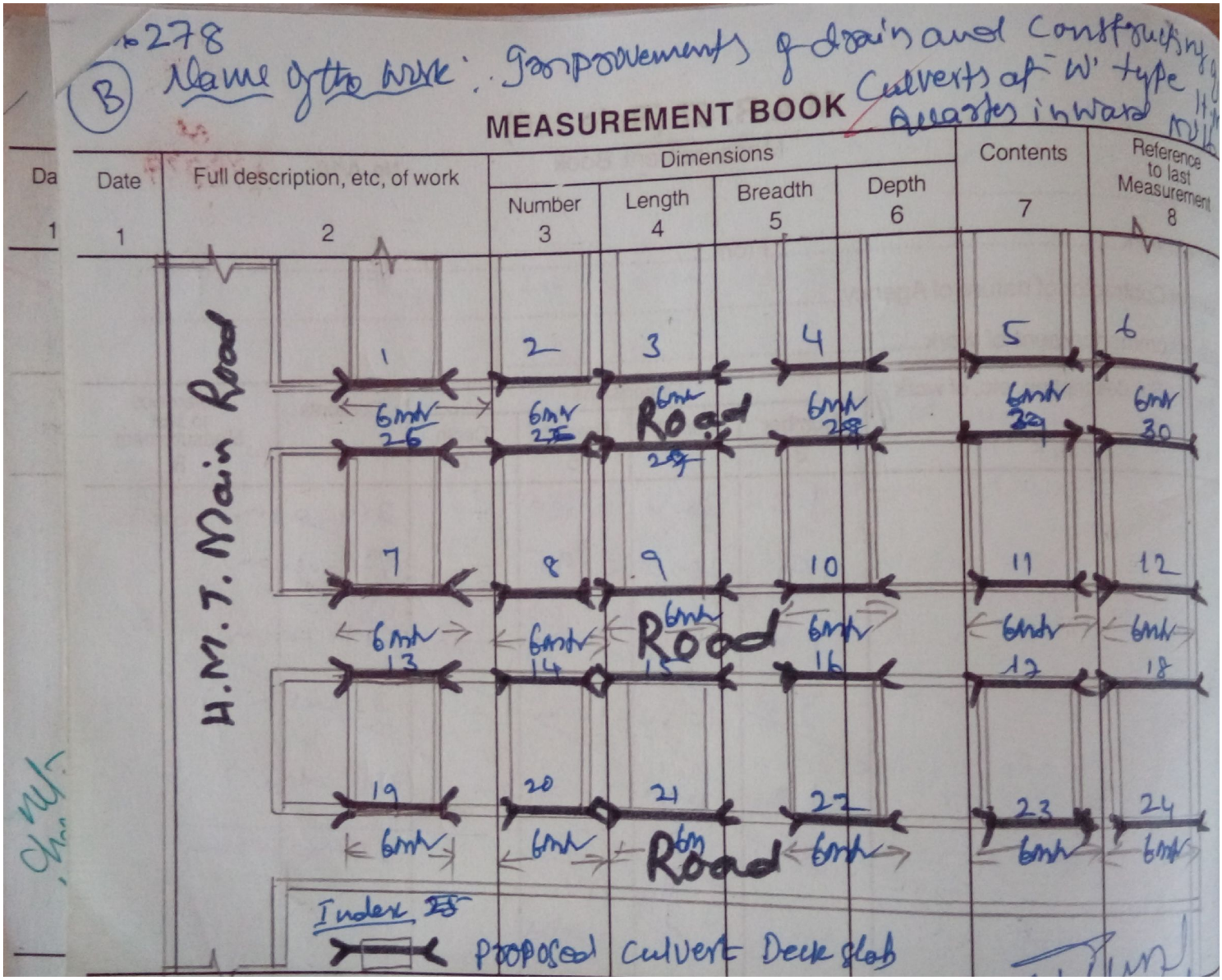
K. Govindaraju

278

(B) Name of the work : Improvements of drain and constructing Culverts at 'W' type Quarters inward

MEASUREMENT BOOK

Da	Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	1	2	3	4	5	6	7	8



Scanned by CamScanner